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Title: JP58209059A2: DRY BATTERY

Derwent Title: Dry battery with improved storage performance - has gas-exhausting notch on cap and seals opening with mixt. of asphalt and mineral oil. NoAbstract Dwg 0/5 [\[Derwent Record\]](#)

Country: JP Japan
Kind: A

Inventor: MIZUTANI KIYOHICO;
KAWAKAMI KOICHIRO;
SHIGA MASAACKI;

Assignee: MATSUSHITA ELECTRIC IND CO LTD
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Published / Filed: 1983-12-05 / 1982-05-28

Application Number: JP1982000091575

IPC Code: [H01M 2/08](#); [H01M 2/12](#);

Priority Number: 1982-05-28 **JP1982000091575**

Abstract: PURPOSE: To increase storage life by installing a cutting off portion for gas release on the inner surface of a resin mold cap of a sealing cover and using an inner sealant obtained by mixing a specified ratio of paraffin or wax to a mixture of asphalt and mineral oil.

CONSTITUTION: A cutting off portion 2 for gas release which releases gas suddenly generating in abnormal discharge such as short or reverse connection is formed in a resin mold cap 1 of a sealing cover. The lower surface of a flange of a cathode terminal cap 1 which is molded with resin of the sealing cover 1 is exposed in the cutting off portion 2 which reaches the top end of the flange of the cap. An inner sealant 3 is prepared by mixing at a ratio of 8:2 ~ 9.5: 0.5 paraffin or wax to a mixture of asphalt and mineral oil. The sealant 3 is filled via a washer 5. Therefore, rupture generating in abnormal discharge such as reverse connection is prevented and sealing effect is kept in normal condition and storage performance is improved.

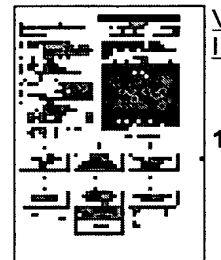
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Family: None

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Forward References: **Go to Result Set:** [Forward references \(1\)](#)

PDF	Patent	Pub.Date	Inventor	Assignee	Title
			Tsukamoto;	Quallion	Method and apparatus for amplitude



	US6586912	2003-07-01	Hisashi	LLC	limiting battery temperature spikes
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Other Abstract
Info:

None



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(19)

(11) Publication number: **582090**

Generated Document.

PATENT ABSTRACTS OF JAPAN(21) Application number: **57091575**(51) Intl. Cl.: **H01M 2/08** H01M 2/12(22) Application date: **28.05.82**

(30) Priority:	(71) Applicant: MATSUSHITA ELECTRIC IND. LTD
(43) Date of application publication: 05.12.83	(72) Inventor: MIZUTANI KIYOHICO KAWAKAMI KOICHIRO SHIGA MASAACKI
(84) Designated contracting states:	(74) Representative:

(54) DRY BATTERY

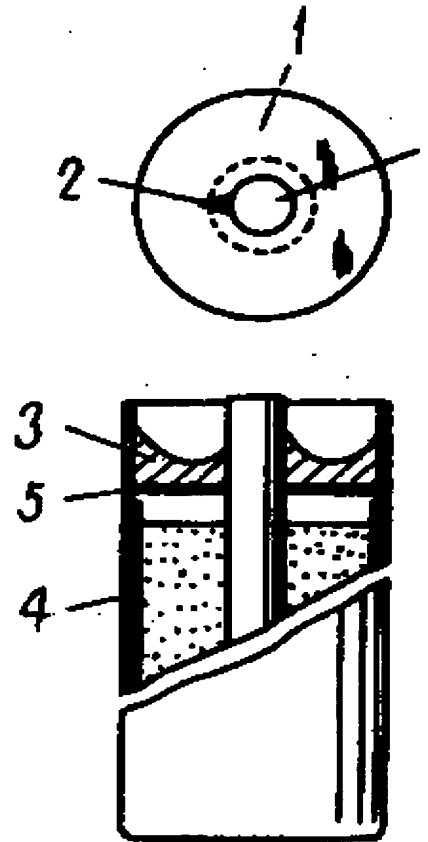
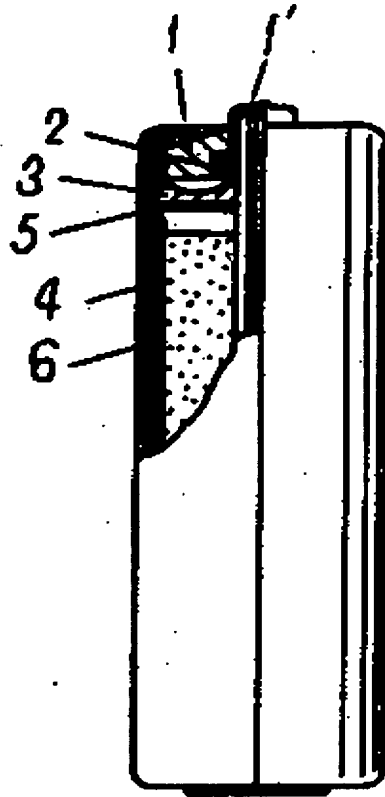
(57) Abstract:

PURPOSE: To increase storage life by installing a cutting off portion for gas release on the inner surface of a resin mold cap of a sealing cover and using an inner sealant obtained by mixing a specified ratio of paraffin or wax to a mixture of asphalt and mineral oil.

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